

On page 2, between lines 15 and 16 insert the following:

95
-- In addition, GB 2265711 A1 describes an optical fibre sensor in which two optical fibres inclined at a specific angle to one another are to be used. In this case, one of the optical fibres serves the purpose of sending light, and the other optical fibre serves the purpose of receiving reflected light and directing it onto a suitable detector. The alignment of the two optical fibres at an angle to one another is proposed there in order to achieve enlargement of the possible detection range of reflected light, since it is possible to achieve an enlarged overlap of the light exit cone with the light entrance cone of the two optical fibres.

US 3,992,631 describes a system and a method for carrying out fluorescence immune tests in which, interrogatory alia, reference is made to the possibility of using different optical fibres in a bundle arrangement.

SUMMARY OF THE INVENTION--

Page 8, between lines 31 and 32, insert --BRIEF

96
DESCRIPTION OF THE DRAWINGS--.

Page 10, between lines 7 and 8, insert --DESCRIPTION OF
97
THE PREFERRED EMBODIMENTS--.

IN THE CLAIMS

Please delete original claims 1 - 22 and add the following new claims to incorporate the amendments previously filed in